

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001493**Date Inspected:** 08-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Changxing Dao, Shanghai**Quality Control Contact:** William (Bill) Oak**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** OBG 4BW,OBG 2AW,OBG 2BW,OBG 4BW**Bid Item:** 77, 78, 79**Lot No:** B265**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. James Lumley arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:OBG 4BW

ZPMC performing Interzinc 22 repairs to interior surfaces, no Notice of Inspection was given for this work Caltrans QA Lumley observed sanding and screening in process to the "U" stiffeners and floor beams ambient conditions were verified and found to be in compliance with the contract documents and International Protective coatings product data sheets.

**OBG 2AW & OBG 2BW**

ZPMC abrasive blasted base metal faying surfaces to an SSPC SP-10 condition within Bay #14 fabrication shop of the "T" stiffener to floor beam assemblies ambient conditions were monitored by ABF QA representative and were within the requirements of the contract documents and International Protective coatings product data sheet. The profiles ranged 82-84um and application of Interzinc 22 commenced.

**OBG 2AE**

Top corner assembly base metal faying surfaces were abrasive blasted to an SSPC SP-10 condition and coated with Interzinc 22. Ambient conditions were monitored by ABF QA representative and profiles were obtained and a range of 64-78um were recorded.

**OBG 4BW**

ZPMC applied "mist" coat of Interfine 979 to exterior surfaces of this segment, faying surfaces were masked off to prevent overspray damages and coating application was performed utilizing airless spray methods.

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## SOURCE INSPECTION REPORT

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### Summary of Conversations:

Caltrans QA Lumley inquired with ABF QA David Duon about Notice of Inspection form for work being performed tonight.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, (858)-699-9549, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Lumley,James	Quality Assurance Inspector
<b>Reviewed By:</b>	Miller,Mark	QA Reviewer

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